



SILICON LABS

Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

EFM32WG842F256-QFP64

Part Number:	EFM32WG842F256-QFP64
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	IC MCU 32BIT 256KB FLASH 64TQFP
	 1.EFM32WG842F256-QFP64.pdf
	 2.EFM32WG842F256-QFP64.pdf
	 3.EFM32WG842F256-QFP64.pdf
Datasheets:	
	 Lead free / RoHS Compliant
RoHs Status	
Stock Condition	18441 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

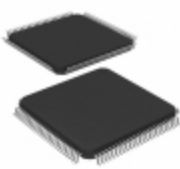
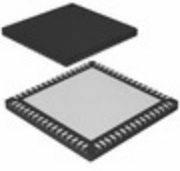
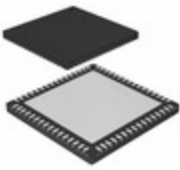
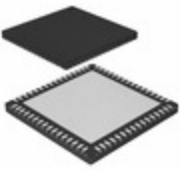
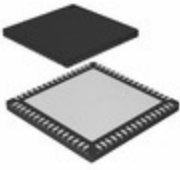
Specifications of EFM32WG842F256-QFP64

PART NUMBER	EFM32WG842F256-QFP64
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	IC MCU 32BIT 256KB FLASH 64TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	18441 pcs
DATA SHEET	 1.EFM32WG842F256-QFP64.pdf  2.EFM32WG842F256-QFP64.pdf  3.EFM32WG842F256-QFP64.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.85 V ~ 3.8 V
SUPPLIER DEVICE PACKAGE	64-TQFP (10x10)
SPEED	48MHz
SERIES	Wonder Gecko
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LCD, POR, PWM, WDT
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	64-TQFP
OTHER NAMES	914-1102-1
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	53
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4F Wonder Gecko Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-TQFP (10x10)
DATA CONVERTERS	A/D 8x12b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4F
CONNECTIVITY	I²C, IrDA, SmartCard, SPI, UART/USART

Related Tags

Energy Micro (Silicon Labs) EFM32WG842F256-QFP64	EFM32WG842F256-QFP64 Distributor	EFM32WG842F256-QFP64 Supplier
EFM32WG842F256-QFP64 Price	EFM32WG842F256-QFP64 Pictures	EFM32WG842F256-QFP64 Image
EFM32WG842F256-QFP64 PDF Datasheet	EFM32WG842F256-QFP64 Download Datasheet	EFM32WG842F256-QFP64 Datasheet
EFM32WG842F256-QFP64 Stock	Buy EFM32WG842F256-QFP64	Buy Energy Micro (Silicon Labs) EFM32WG842F256-QFP64
Energy Micro (Silicon Labs) EFM32WG842F256-QFP64	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories EFM32WG842F256-QFP64	Silicon Labs EFM32WG842F256-QFP64	

Related Products

 EFM32WG880F128-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 25825 pcs RFQ	 EFM32WG842F256-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64TQFP In stock: 19332 pcs RFQ
 EFM32WG842F128-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 23175 pcs RFQ	 EFM32WG842F128-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 64TQFP In stock: 23982 pcs RFQ
 EFM32WG880F256-QFP100 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 22684 pcs RFQ	 EFM32WG840F256-QFN64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 19859 pcs RFQ
 EFM32WG840F64-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 35235 pcs RFQ	 EFM32WG840F64-QFN64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64QFN In stock: 29482 pcs RFQ
 EFM32WG840F256-QFN64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 256KB FLASH 64QFN In stock: 24528 pcs RFQ	 EFM32WG842F64-QFP64 Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: 30289 pcs RFQ
 EFM32WG880F128-QFP100T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 128KB FLASH 100LQFP In stock: 18857 pcs RFQ	 EFM32WG842F64-QFP64T Manufacturers: Energy Micro (Silicon Labs) Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: 27521 pcs RFQ